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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No. PER20080002
Agency Interest No. 71

Mr. Stephen Bienvenu
Vice President
Gulf South Pipeline Company, LP
477 Hwy 441, Holden, LA 70744

RE: Part 70 Operating Permit Renewal, Gulf South Pipeline Company, LP - Montpelier Compressor Station
Gulf South Pipeline Company LP, Montpelier, St. Helena Parish, Louisiana

Dear Mr. Bienvenu:

This is to inform you that the permit renewal and modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 2540-00003-V2

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN:plhp
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Montpelier Compressor Station
Agency Interest No. 71
Gulf South Pipeline Company, LP
Montpelier, St. Helena Parish, Louisiana**

I. Background

Gulf South Pipeline Company, LP, a subsidiary of Gulf South Pipeline Company, LLC, owns and operates Montpelier Compressor Station, a previously grandfathered natural gas compression facility (SICC 4922), which started operation in 1952. The Montpelier Compressor Station is located at 447 Hwy 441, about 1.5 miles south of Montpelier, LA, in St Helena Parish.

The facility, originally owned by United Gas Pipeline Company, transferred ownership, signed November 5, 1993, to Koch Industries, Inc. The facility again changed ownership on April 3, 2001, to Gulf South Pipeline Company, LP. An initial Part 70 Operating Permit No. 2540-00003-V0 was issued on May 11, 2004.

Montpelier Compressor Station currently operates under Part 70 Operating Permit No. 2540-00003-V1 dated July 7, 2006, and amended October 6, 2008.

II. Origin

An original application and Emission Inventory Questionnaire (EIQ) dated November 4, 2008, requested a minor modification and a Part 70 Operating Renewal Permit, No. 2540-00003-V2 for Gulf South Pipeline Company, LP - Montpelier Compressor Station. Additional information dated May 29, June 6, and June 17, 2009, was also received.

III. Description

Montpelier Compressor Station receives natural gas via pipeline, boosts the pressure of the gas utilizing 12,500 horsepower of compression to transport the gas down the pipeline. Station operating pressures can vary widely, dependent upon customer driven activity, and is currently limited to a maximum operating pressure (MAQP) of 930 psig. Typical operating pressures range from about 540-715 psig on the suction side of the station to about 805-930 psig on the discharge side of the station; although, the station may operate at times outside of these ranges. Maximum station throughput at design conditions is 703 MM scf/day of natural gas.

Compression at the facility is maintained utilizing five (5) 1600 hp (E-1 to E-5) and three (3) 1500 hp (E-6 to E-8) two stroke lean burn, natural gas-fired, reciprocating engine driven compressor units.

Also onsite are eight (8) natural gas scrubbers (separators), a 210 bbl condensate storage tank (C-1), a station blowdown vent (B-1), tank truck loading for the condensate tank (T-1), a 300 bbl engine oil storage tank (T-2), an oil/water separator (S-1), and facility fugitives emissions (F-1). Facility fugitives include minor particulate emissions generated by vehicles traveling on unpaved roads. A 408 Hp four stroke rich burn Ingersoll-Rand reciprocating engine driven auxiliary generator (E-9) rated at 280 kW is utilized to produce electrical power for the plant during power outages.

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
GULF SOUTH PIPELINE COMPANY, LP
MONTPELIER COMPRESSOR STATION
PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL/MODIFICATION

The LDEQ, Office of Environmental Services, is accepting written comments on a Proposed Part 70 Air Operating Permit Renewal/Modification for Gulf South Pipeline Company, LP, 477 Hwy 441, Holden, LA 70744 for the Montpelier Compressor Station. **The facility is located at 447 Hwy 441, about 1.5 miles south of Montpelier, LA, in St Helena Parish.**

Gulf South Pipeline Company, LP requested a minor modification and a Part 70 Operating Renewal Permit for Montpelier Compressor Station. Montpelier Compressor Station receives natural gas via pipeline, boosts the pressure of the gas utilizing 12,500 horsepower of compression to transport the gas down the pipeline. Maximum station throughput at design conditions is 703 MM scf/day of natural gas.

Compression at the facility is maintained utilizing five 1600 hp and three 1500 hp two stroke lean burn, natural gas-fired, reciprocating engine driven compressor units. Also onsite are eight natural gas scrubbers (separators), a 210 bbl condensate storage tank, a station blowdown vent, tank truck loading for condensate, a 300 bbl engine oil storage tank, an oil/water separator, and facility fugitives emissions, which include minor particulate emissions from vehicles on unpaved roads. A 408 hp 4SRB Ingersoll-Rand reciprocating engine driven generator produces 280 kW electrical power for the plant during power outages.

Gulf South Pipeline Company, LP proposes to renew the Part 70 operating permit for the Montpelier Compressor Station and modify the permit as follows: Include maximum fuel rate limits during the ozone season, in accord with Chapter 22 regulations, for the 1600 hp engines, which correspond to parameters determined during original stack testing (August 18, 2005) for engines E-3 and E-4 and triennial stack testing (August 1, 2008) for engines E-1, E-2 and E-5; and update emission rates for criteria pollutants and TAP/HAP based on corrected heat inputs, AP-42 emission factors, and current operating conditions.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM10	20.35	22.05	+ 1.70
NOx	1401.15	1398.90	- 2.25
CO	333.14	332.24	- 0.90
SO2	0.25	0.32	+ 0.07
VOC	109.10	105.51	- 3.59

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	ton/yr	Pollutant	ton/yr
1,3-Butadiene	0.461	Formaldehyde	30.977
2,2,4-Trimethylpentane	0.565	Methanol	1.411
Acetaldehyde	4.353	n-Hexane	0.722
Acrolein	4.366	Toluene	0.677
Benzene	1.333	Xylene	0.182
Ethylbenzene	0.068	Naphthalene (& Methyl naphthalenes)	0.040
Total TAPs	45.195		

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Monday, September 28, 2009.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application and Emission Inventory Questionnaire (EIQ) dated November 4, 2008, additional information dated May 29, June 6, and June 17, 2009, proposed permit, response to technical review remarks, and Statement of Basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at the Audubon Regional Library, St. Helena Library, Oak Plaza Shopping Center, Highway 10, Greensburg, LA 70441.

Inquiries or requests for additional information regarding this permit action should be directed to Pamela Parish, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3108.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmailistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabcid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 71, Permit Number 2540-00003-V2, and Activity Number PER20080002.

**Scheduled Publication Date: Wednesday, August 26, 2009 – in
The St. Helena Echo, Greenburg, and also in
The Advocate, BR, LA**

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Montpelier Compressor Station
Agency Interest No. 71
Gulf South Pipeline Company, LP
Montpelier, St. Helena Parish, Louisiana**

Natural gas flows to the compressor station and passes through eight natural gas scrubbers (separators) prior to compression to collect pipeline condensate and liquids pushed through during pigging operations. The scrubbers are closed system pressure vessels and are equipped with emergency over pressure relief valves that protect the vessel from gas thermal expansion pursuant to ASME design codes. Liquids from the separators are removed periodically when level controls are triggered and condensate and/or produced water are stored in the 210 bbl Condensate Storage Tank (C-1). From there it is loaded into tank trucks (T-1) for transfer offsite. The natural gas stream is cooled, after discharge from the compressors, by routing the gas through the coils of the fin/fan unit, a closed pipe system, which allows the absorbed heat to radiate into the ambient air.

The five 1600 hp 2SLB Worthington UTC-168 reciprocating compressor engines (E-1 through E-5) are 1952 vintage engines that use ambient scavenged air. Air/fuel ratio cannot be controlled on these engines other than by varying the speed of the engine. Emission rates can vary considerably from changes in ambient temperature and relative humidity.

These compressor engines (E-1 through E-5) have been retrofitted in 2005 with medium pressure fuel injection nozzles in order to meet the required 4 grams/hp-hr regulatory NOx limits. The nozzle manufacturer's performance guarantee for these engines is 4.0 grams/hp-hr (reduced from 19.5 grams/hp-hr) of NOx, 2.5 grams/hp-hr of CO, and 1.5 grams/hp-hr of VOC. Compliance with Chapter 22 NOx limits is demonstrated by operating within the fuel limits established during compliance testing for each engine on a 30-day rolling average during the ozone season (May 1st - September 30th). The maximum fuel rate limits for engines E-1 through E-5 are 16,380 scf/hr, 16,233 scf/hr, 15,745 scf/hr, 16,015 scf/hr, and 16,378 scf/hr, respectively. These maximum fuel rates are the highest shown on either the initial or the triennial compliance tests.

Installation of medium pressure injection nozzles to reduce NOx from the 1500 hp Clark engines failed to achieve the necessary results, so the original equipment was reinstalled. Consequently, the 1500 hp 2SLB Clark HLA-6 reciprocating compressor engines (E-6, E-7, and E-8) are de-rated by federally enforceable conditions to below the annual maximum rated capacity trigger of 1500 hp. Compliance is demonstrated during the ozone season with controls to alarm if the engine horsepower goes above 1490 hp and automatically shut down the engine if it reaches 1495 hp. From the 2006 stack testing, emission factors of 25.13 grams/hp-hr NOx and 3.52 grams/hp-hr CO were established for these engines.

Compressor engines are cooled by jacket cooling water, which absorbs the heat to maintain the engines at optimal temperature. The absorbed heat is released to ambient air through a radiator under the influence of cooling air flow. Jacket cooling water is circulated to and from cooling fans via closed-loop system piping with no water makeup and no venting to the atmosphere during normal operations. Montpelier has a small storage tank (insignificant activity) used for corrosion inhibitor pumped into the jacket water system; however the corrosion inhibitor is currently not in use.

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Montpelier, St. Helena Parish, Louisiana

The 300 bbl engine oil storage tank (T-2) is used to store new oil for use in the compressor engines. New oil comes in by tank trucks and is manually added to the engines as required. Used lube oil is gravity fed from the compressor engines to a small 600 gallon holding tank/sump in the basement and then pumped to the 1500 gallon used oil tank in the generator building. The used oil is loaded out by truck and recycled as necessary. The used oil tanks are considered insignificant activities.

Any other liquids that accumulate in the compressor engine building basement are gravity fed to the in ground sump pump, which pumps them to a storage tank separation process, the oil/water separator (S-1). Water is processed through a filtration system and discharged as permitted by the facilities water permit. Any separated oil is reclaimed by a certified handler by load out into truck.

The Station Blowdown Vent (B-1) is used to vent a variety of sources on site including purge gas from the compressor units during start-up and shutdown, compressor blowdown gas when a unit is removed from service, relief valve releases due to overpressure of the compressors or unit discharge piping, and compressor rod gas packing leakage. Approximately 11.15 MM scf/yr of natural gas vapors is anticipated from this vent.

Other area gas releases not routed through the blowdown stack (B-1) and miscellaneous compressor engine vents are considered General Condition XVII activities.

Gulf South Pipeline Company, LP proposes to renew the Part 70 operating permit for the Montpelier Compressor Station and modify the permit as follows:

- Correct heat inputs for the engines (E-1 through E-9) not supported by the stack test data: previous calculations uscd emission factors for pollutants, other than NOx and CO, that were modified from AP-42 factors using a generic conversion factor of 7,500 BTU/hp-hr. Recent stack tests revealed that a conversion factor of 10,250 BTU/hp-hr is more appropriate for the engines at this site;
- Update emission rates for criteria pollutants other than NOx and CO and include TAP/HAP emissions based on corrected heat inputs, AP-42 emission factors, and operating conditions;
- Revise the permit to include the maximum fuel rate limits in accordance with Chapter 22 regulations for each engine (E-1 through E-5), measured on a 30 day rolling average during the ozone season, which correspond to parameters determined during original stack testing (August 18, 2005) for engines E-3 and E-4 and triennial stack testing (August 1, 2008) for engines E-1, E-2 and E-5; and
- Incorporate minor format and typographical changes.

There are no facilities are under common ownership and contiguous with Montpelier Compressor Station.

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Agency Interest No. 71
Gulf South Pipeline Company, LP
Montpelier, St. Helena Parish, Louisiana

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM ₁₀	20.35	22.05	+ 1.70
NO _x	1401.15	1398.90	- 2.25
CO	333.14	332.24	- 0.90
SO ₂	0.25	0.32	+ 0.07
VOC	109.10	105.51	- 3.59

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change*
1,3-Butadiene	-	0.461	+ 0.461
2,2,4-Trimethylpentane	-	0.565	+ 0.565
Acetaldehyde	0.327	4.353	+ 4.026
Acrocin	0.218	4.366	+ 4.148
Benzene	0.917	1.333	+ 0.363
Ethylbenzene	0.007	0.068	+ 0.061
Formaldehyde	10.615	30.977	+20.362
Methanol	-	1.411	+ 1.411
n-Hexane	0.411	0.722	+ 0.311
Naphthalene (& Methyl naphthalenes)	-	0.040	+ 0.040
Toluene	0.266	0.677	+ 0.411
Xylene	0.015	0.182	- 0.167
Total TAPs	12.776	45.195	+ 0.000
Other VOC	96.324	60.318	- 36.006
Total VOC	109.10	105.513	- 3.587

* Changes in VOC speciation reflects updated calculations based on corrected heat input for the engines. No actual change in emissions occurred.

Area gas releases not routed through the blowdown stack (B-1) include individual blowdown stacks on station piping used during a station emergency shut down (ESD). Also, in the event of overpressure in emergency situations, release of gas to atmosphere can occur from thermal relief valves on the natural gas scrubbers and the power gas reservoir. These sources are part of closed system processes, but there is a potential for release and/or leakage. Releases of gas occurring under emergency conditions may not be included and are not accounted for in permitted emission totals.

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**Montpelier Compressor Station
Agency Interest No. 71
Gulf South Pipeline Company, LP
Montpelier, St. Helena Parish, Louisiana**

IV. Type of Review

This application was reviewed for compliance with Louisiana Air Quality Regulations. New Source Performance Standards (NSPS), Prevention of Significant Deterioration (PSD), and NESHAP do not apply.

Montpelier Compressor Station is a minor source of toxic air pollutants (TAPs) as defined in LAC 33:III.Chapter 51. The potential to emit (PTE) of TAPs is greater than 10 tons/yr for formaldehyde; however, emissions from the combustion of Group 1 virgin fossil fuels are exempt, per LAC 33:III.S105.B.3.a, from Chapter 51 requirements. As a result, this LAC 33:III.Chapter 51 TAP does not trigger major source status.

Estimated hazardous air pollutant (HAP) emissions from the facility trigger the major source threshold for formaldehyde (greater than 10 tons/year individual HAP threshold). However, per 40 CFR 63.1270(c), NESHAP, 40 CFR 63, Subpart HHH - National Emission Standards for Natural Gas Transmission and Storage Facilities does not apply, as there are no glycol dehydration units at the station. This facility was potentially subject to 40 CFR 63 Subpart ZZZZ-Reciprocating Internal Combustion Engines and has submitted a Part 1 application as required by the Clean Air Act Amendments 112(j). NESHAP 40 CFR 63, Subpart ZZZZ - National Emission Standards for Stationary Reciprocating Internal Combustion Engines (RICE) applies, but there are no applicable requirements for the existing spark ignition, 2-stroke lean burn engines, which power the compressors on site. The 408 hp auxiliary generator engine is an existing 4-stroke rich burn engine used as an emergency unit, and as such, also has no applicable requirements under Subpart ZZZZ.

In order to comply with the regulations from LAC 33:III Chapter 22 Control of Emissions of Nitrogen Oxide (NO_x), which apply during the ozone period of May 1 through September 30th, the five engines rated at 1600 hp (E-1 through E-5) meet the 4 grams/hp-hr regulatory NOx limit for the entire year. On April 15, 2005, the company completed installation of medium pressure injection nozzles on these engines (E-1 thru E-5), which reduced NOx levels from 19.5 grams/hp-hr average to below 4 grams/hp-hr. Compliance is demonstrated by operating within the fuel limits established during compliance testing for each engine on a 30-day rolling average during the ozone season. The maximum fuel rate limits for engines E-1 through E-5 are 16,380 scf/hr, 16,233 scf/hr, 15,745 scf/hr, 16,015 scf/hr, and 16,378 scf/hr, respectively. These maximum fuel rates are the highest shown on either the initial or the triennial compliance tests. The 1500 hp engines (E-6, E-7, and E-8) are de-rated by federally enforceable conditions to below 1500 hp on an annual basis and to 1495 hp during the ozone season, which allows exemption from additional regulatory NOx limits. Compliance is demonstrated during the ozone season with controls to alarm if the engine horsepower goes above 1490 hp and automatically shut down an engine if it reaches 1495 hp. The 4SRB 408 hp auxiliary generator engine is used as an emergency unit and has an elapsed runtime meter to meet exemption requirements under LAC 33:III.2201.C.6.

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V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the proposed Title V Operating Renewal Permit was published in *The Advocate*, Baton Rouge, on <date>, 2009; and in the *St. Helena Echo*, St. Helena, Louisiana, on <date>, 2009. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The proposed permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

A technical review of the working draft of the proposed Permit No. 2540-00003-V2, initiated on July 27, 2009, was conducted by facility representatives and LDEQ personnel. Several remarks received during the technical review were incorporated into the proposed permit. A summary of the remarks received during the technical review period and the Air Permit Division's response is included in the public record available for review.

VII. Effects on Ambient Air

Emissions associated with the proposed renewal and modification was reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: ISCST3 (Screen)

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Quality Standard or (National Ambient Air Quality Standard {NAAQS})
NO _x	Annual Average	*44 µg/m ³	(100 µg/m ³)
1,3-Butadiene	Annual Average	0.0068 µg/m ³	0.92 µg/m ³
Acetaldehyde	Annual Average	0.06 µg/m ³	45.50 µg/m ³
Acrolein	8 hr Average	1.98 µg/m ³	5.40 µg/m ³
Benzene	Annual Average	0.34 µg/m ³	12.00 µg/m ³
Formaldehyde	Annual Average	0.46 µg/m ³	7.69 µg/m ³

* Done for Permit No. 2540-00003-V0 dated May 11, 2004.

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VIII. General Condition XVII Activities

Work Activity	Emission Rates – tons per year				
	PM₁₀	SO₂	NO_X	CO	VOC
Miscellaneous Compressor Engine Fuel Vents, Packing Case Vents, and Crankcase Vents				<1.0	
Pigging Operations, Purging of the Main Pipeline and Station Piping for Maintenance				<1.0	

IX. Insignificant Activities

ID No.	Description	Citation
-	(2) Natural gas fired shop heaters < 10 MM BTU/hr	LAC 33:III.501.B.5.A.5
-	600 gallon Used Engine Oil Storage Tank	LAC 33:III.501.B.5.A.3
-	1500 gallon Used Engine Oil Storage Tank	LAC 33:III.501.B.5.A.3
-	200 gallon Corrosion Inhibitor Storage Tank	LAC 33:III.501.B.5.A.2
-	75 gallon Parts Washer	LAC 33:III.501.B.5.A.2

TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Montpelier Compressor Station
Agency Interest No. 71
Gulf South Pipeline Company LP
Montpelier, St. Helena Parish, Louisiana

ID No.	Description	LAC 33:III,Chapter																	
		5▲	9	11	13	15	2103	2109	2111	2113	2115	2116*	2131	22	29*	51*	53*	56	59*
GRP 3	Plant Wide	1	1	1	1					1	3				3	1	3		
EQT 1	E-1 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine		1	1	3										1				
EQT 2	E-2 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine		1	1	3										1				
EQT 3	E-3 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine		1	1	3										1				
EQT 4	E-4 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine		1	1	3										1				
EQT 5	E-5 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine		1	1	3										1				
EQT 6	E-6 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine	1	1	1	3										2				
EQT 7	E-7 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine	1	1	1	3										2				
EQT 8	E-8 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine	1	1	1	3										2				
EQT 9	E-9 - 4SRB Ingersoll-Rand Auxiliary Generator		1	1	3										2				
EQT 10	B-1 - Station Blowdown Vent													3					
EQT 11	C-1 - Condensate Tank								3										
EQT 12	S-1 - Oil-Water Separator									3									
EQT 13	T-1 - Loading Operation for Condensate																		
EQT 14	T-2 - Engine Oil Storage Tank									3									
FUG 1	F-1 - Facility Fugitives													1					

* The regulations indicated above are State Only regulations.
 ▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Montpelier Compressor Station
Agency Interest No. 71
Gulf South Pipeline Company LP
Montpelier, St. Helena Parish, Louisiana

ID No.	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHPAP						40 CFR						
		K	Ka	Kb	Db	Dc	GG	JUUU	KKKK	A	J	V	A	SS	VV	HHH	ZZZZ	S2	S4	S6	S8					
GRP 3	Plant Wide																									
EQT 1	E-1 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine																									
EQT 2	E-2 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine																									
EQT 3	E-3 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine																									
EQT 4	E-4 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine																									
EQT 5	E-5 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine																									
EQT 6	E-6 - 1500 Hp 2SLB Clark HLA-6																									
EQT 7	E-7 - 1500 Hp 2SLB Clark HLA-6																									
EQT 8	E-8 - 1500 Hp 2SLB Clark HLA-6																									
EQT 9	E-9 - 4SRB Ingersoll-Rand Auxiliary Generator																									
EQT 10	B-1 - Station Blowdown Vent																									
EQT 11	C-1 - Condensate Tank																									
EQT 12	S-1 - Oil-Water Separator																									
EQT 13	T-1 - Loading Operation for Condensate																									
EQT 14	T-2 - Engine Oil Storage Tank																									
FUG 1	F-1 - Facility Fugitives																									

TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Montpelier Compressor Station
Agency Interest No. 71
Gulf South Pipeline Company LP
Montpelier, St. Helena Parish, Louisiana

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
 - 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
 - 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank – The regulations clearly do not apply to this type of emission source.

TABLE 2. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS
Explanation For Exemption Status Or Non-Applicability Of A Source

Montpelier Compressor Station
 Agency Interest No. 71
Gulf South Pipeline Company LP
Montpelier, St. Helena Parish, Louisiana

ID No.	Requirement	Note
Facility	Chemical Accident Prevention Provisions [40 CFR 68] Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.Chapter 59]	DOES NOT APPLY. Per LAC 33:III.5907, facility does not produce, process, handle, or store any substance listed in paragraph 68.130 or Tables 59.0 and 59.1 of Chapter 59 in an amount greater than the threshold quantity.
	Subpart HHH - National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities [40 CFR 63]	DOES NOT APPLY. Per 40 CFR 63.1270(c), There are no glycol dehydration units at the station.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.Chapter 51]	DOES NOT APPLY. Facility is not a major source for Toxic Air Pollutants (TAPs) under LAC 33:III Chapter 51. Formaldehyde emissions are from combustion of Group 1 virgin fossil fuels, which are exempt, per LAC 33:III.5105.B.3.a.
	Control of Emission of Organic Compounds; Waste Gas Disposal [LAC 33:III.2115]	DOES NOT APPLY. Units meet 100 lb VOC/24 hr exemption per LAC 33:III.2115.H.1.c.
EQT 1 - 8 Compressor Engines	NESHAP Subpart ZZZZ - National Emission Standards for Stationary Reciprocating Internal Combustion Engines (RICE) [40 CFR 63]	DOES NOT APPLY. Per 40 CFR 63.6590(b)(3), engines are existing (1952) 2-stroke lean burn engines at a major source of HAP; No reconstruction on or after December 19, 2002.
EQT 9 Auxiliary Generator	NESHAP Subpart ZZZZ - National Emission Standards for Stationary Reciprocating Internal Combustion Engines (RICE) [40 CFR 63]	DOES NOT APPLY. Per 40 CFR 63.6590(b)(3), 4SRB engine is an existing (1952) emergency stationary RICE; No reconstruction on or after December 19, 2002.

TABLE 2. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS
Explanation For Exemption Status Or Non-Applicability Of A Source

Montpelier Compressor Station
Agency Interest No. 71
Gulf South Pipeline Company LP
Montpelier, St. Helena Parish, Louisiana

ID No.	Requirement	Note
EQT 1 - 9 Engines Generator	NSPS Subpart JJJ - New Source Performance Standards for Stationary Spark Ignition Internal Combustion Engines (SI ICE) [40 CFR 60]	DOES NOT APPLY. Per 40 CFR 60.4230(a)(4), SI ICE engines constructed prior to June 12, 2006; No modification or reconstruction after June 12, 2006.
EQT 6 - 8 Compressor Engines	Emission Standards for Sulfur Dioxide Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III.1503.C]	DOES NOT APPLY. Per LAC 33:III.1502.A.3, no single point source has the potential to emit 5 tons per year or more of SO ₂ .
EQT 9 Auxiliary Generator	Control of Emissions of Nitrogen Oxides [LAC 33:III. Chapter 22]	EXEMPT. Engines are located in the Region of Influence. Per LAC 33:III.2201.C.3.b, engine horsepower ratings are de-rated to be <1500 hp during the ozone season under federally enforceable conditions.
EQT 11 and EQT 14 Storage Tanks C-1 and T-2	Control of Emissions of Nitrogen Oxides [LAC 33:III. Chapter 22]	EXEMPT From LIMITS. Engine is located in the Region of Influence. Per LAC 33:III.2201.C.6, engine operates <400 hr/yr during ozone season and in accordance with LAC 33:III.2201.H.12.
	NSPS Subpart Kb - New Source Performance Standards for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60]	DOES NOT APPLY. Per 40 CFR 60.110b(a), Constructed 1997; Capacities <20,000 gals
	Control of Emission of Organic Compounds [LAC 33:III.2103.A]	DOES NOT APPLY. Per LAC 33:III.2103.G.1, the 210 bbl tank (C-1) has a capacity <420,000 gals and stores condensate.
		Per LAC 33:III.2103.A, the 300 bbl tank (T-2) stores Engine Oil with a vapor pressure at storage temperature < 1.5 psia.

TABLE 2. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS
Explanation For Exemption Status Or Non-Applicability Of A Source

Montpelier Compressor Station
Agency Interest No. 71
Gulf South Pipeline Company LP
Montpelier, St. Helena Parish, Louisiana

ID No.	Requirement	Note
EQT 12	Control of Emission of Organic Compounds Oil/Water Separation [LAC 33.III.2109]	EXEMPT From LAC 33.III.2109.A per LAC 33.III.2109.B.4. Oil/Water Separator emits less than 100 tons/yr regulated hydrocarbon (uncontrolled)
The above table provides explanation for the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.		

General Information

AI ID: 71 Gulf South Pipeline Co LP - Montpelier Compressor Station
Activity Number: PER20080002
Permit Number: 2540-00003-V2
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	2540-00003	CDS Number	CDS Number	05-27-1993
	72-0340700	Federal Tax ID	Federal Tax ID	11-20-1999
LAD160817490	LA0111724	Gulf South Montpelier	Hazardous Waste Notification	03-13-2001
WP4711	33845	LPDES #	LPDES Permit #	05-22-2003
		WPC State Permit Number	LWDPS Permit #	06-25-2003
		United Gas/Montpelier	Multimedia	08-05-2002
		Koch Operating Service Co	TEMPO Merge	02-03-2005
Physical Location:			Main Phone:	98539881015
Mailing Address:		477 Hwy 441 Montpelier, LA 70744		
Location of Front Gate:		30.655119 latitude, -90.66305 longitude, Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Walter Bennett	9 Greenway Plaza Ste 2800 Houston, TX 77046	walt.bennett@bwpmi.l	Responsible Official for
	Walter Bennett	9 Greenway Plaza Ste 2800 Houston, TX 77046	7134798102 (WP)	Responsible Official for
	Stephen Bienvenu	2300 Verot School Rd Lafayette, LA 70508	stephen.bienvenu@bw	Responsible Official for
	Stephen Bienvenu	2300 Verot School Rd Lafayette, LA 70508	3379887120 (WP)	Responsible Official for
	David Goodwin	9 Greenway Plaza Ste 2800 Houston, TX 77046	david.goodwin@bwpr	Responsible Official for
	David Goodwin	9 Greenway Plaza Ste 2800 Houston, TX 77046	7134798235 (WP)	Responsible Official for
	Al Jeansonne	477 Hwy 441 Holden, LA 70744	2257774300 (WP)	Water Billing Party for
	Al Jeansonne	477 Hwy 441 Holden, LA 70744	2257774300 (WP)	Haz. Waste Billing Party for
	Al Jeansonne	477 Hwy 441 Holden, LA 70744	2257774300 (WP)	Hazardous Waste Permit Contact For
	Al Jeansonne	477 Hwy 441 Holden, LA 70744	2257774300 (WP)	Employed by
	Al Jeansonne	477 Hwy 441 Holden, LA 70744	2257774300 (WP)	Air Permit Contact For
	Al Jeansonne	477 Hwy 441 Holden, LA 70744	2257774300 (WP)	Water Billing Party for
	Christie Lassere	PO Box 157 St. James, LA 700850157	9852652112 (WP)	Accident Prevention Billing Party for
	David Nickel	PO Box 8288 Longview, TX 756078288	DAVID.NICKEL@bw	Emission Inventory Contact for
	David Nickel	PO Box 8288 Longview, TX 756078288	9037537209 ext12926	Emission Inventory Contact for
	David Nickel	PO Box 8288 Longview, TX 756078288	DAVID.NICKEL@bw	Responsible Official for
	David Nickel	PO Box 8288 Longview, TX 756078288	9037537209 ext12926	Responsible Official for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Gulf South Pipeline Co LP	PO Box 8288 Longview, TX 756078288	9037537209 (WP)	Operates

General Information

AI ID: 71 Gulf South Pipeline Co LP - Montpelier Compressor Station
Activity Number: PER20080002
Permit Number: 2540-00003-V2
Air - Title V Regular Permit Renewal

Related Organizations:	Name	Address	Phone (Type)	Relationship
Gulf South Pipeline Co LP	PO Box 8288 Longview, TX 756078288	9037537209 (WP)	Emission Inventory Billing Party	
Gulf South Pipeline Co LP	PO Box 8288 Longview, TX 756078288	9037537209 (WP)	Air Billing Party for	
Gulf South Pipeline Co LP	PO Box 8288 Longview, TX 756078288	9037537209 (WP)	Owns	

NAIC Codes: 48621, Pipeline Transportation of Natural Gas

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.
Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station

Activity Number: PER20080002

Permit Number: 2540-00003-V2

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Gulf South Pipeline Company LP - Montpelier Compressor Station															
EQT 0001 E-1	8.11	8.81	35.53	14.11	14.11	61.80	0.63	0.76	2.76	0.01	0.01	0.04	2.36	2.83	10.35
EQT 0002 E-2	8.11	8.81	35.53	14.11	14.11	61.80	0.63	0.76	2.76	0.01	0.01	0.04	2.36	2.83	10.35
EQT 0003 E-3	8.11	8.81	35.53	14.11	14.11	61.80	0.63	0.76	2.76	0.01	0.01	0.04	2.36	2.83	10.35
EQT 0004 E-4	8.11	8.81	35.53	14.11	14.11	61.80	0.63	0.76	2.76	0.01	0.01	0.04	2.36	2.83	10.35
EQT 0005 E-5	8.11	8.81	35.53	14.11	14.11	61.80	0.63	0.76	2.76	0.01	0.01	0.04	2.36	2.83	10.35
EQT 0006 E-6	11.55	13.86	50.58	82.81	99.38	362.72	0.59	0.71	2.58	0.01	0.01	0.04	2.97	3.56	13.01
EQT 0007 E-7	11.55	13.86	50.58	82.81	99.38	362.72	0.59	0.71	2.58	0.01	0.01	0.04	2.97	3.56	13.01
EQT 0008 E-8	11.55	13.86	50.58	82.81	99.38	362.72	0.59	0.71	2.58	0.01	0.01	0.04	2.97	3.56	13.01
EQT 0009 E-9	11.38	13.66	2.85	6.95	8.34	1.74	0.03	0.04	0.01	0.002	0.002	<0.001	0.09	0.11	0.02
EQT 0010 B-1													0.65	0.78	2.83
EQT 0011 C-1													1.03	1.24	4.53
EQT 0012 S-1													0.001	0.001	0.003
EQT 0013 T-1													49.65	59.58	1.14
EQT 0014 T-2													0.003	0.003	0.01
FUG 0001 F-1										0.11	0.14	0.50		1.41	1.41
															6.20

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station

Activity Number: PER20080002

Permit Number: 2540-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0001 E-1	1,3-Butadiene	0.013	0.016	0.059
	2,2,4-Trimethylpentane	0.014	0.017	0.061
	Acetaldehyde	0.127	0.153	0.557
	Acrolein	0.128	0.153	0.559
	Benzene	0.032	0.038	0.139
	Ethyl benzene	0.002	0.002	0.008
	Formaldehyde	0.905	1.086	3.965
	Methanol	0.041	0.049	0.178
	Naphthalene (and Methyl naphthalenes)	0.002	0.002	0.008
	Toluene	0.016	0.019	0.069
EQT 0002 E-2	Xylene (mixed isomers)	0.004	0.005	0.019
	n-Hexane	0.007	0.009	0.032
	1,3-Butadiene	0.013	0.016	0.059
	2,2,4-Trimethylpentane	0.014	0.017	0.061
	Acetaldehyde	0.127	0.153	0.557
	Acrolein	0.128	0.153	0.559
	Benzene	0.032	0.038	0.139
	Ethyl benzene	0.002	0.002	0.008
	Formaldehyde	0.905	1.086	3.965
	Methanol	0.041	0.049	0.178
EQT 0003 E-3	Naphthalene (and Methyl naphthalenes)	0.002	0.002	0.008
	Toluene	0.016	0.019	0.069
	Xylene (mixed isomers)	0.004	0.005	0.019
	n-Hexane	0.007	0.009	0.032
	1,3-Butadiene	0.013	0.016	0.059
	2,2,4-Trimethylpentane	0.014	0.017	0.061
	Acetaldehyde	0.127	0.153	0.557
	Acrolein	0.128	0.153	0.559
	Benzene	0.032	0.038	0.139
	Ethyl benzene	0.002	0.002	0.008

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station

Activity Number: PER20080002

Permit Number: 2540-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 E-3	Toluene	0.016	0.019	0.069
	Xylene (mixed isomers)	0.004	0.005	0.019
	n-Hexane	0.007	0.009	0.032
EQT 0004 E-4	1,3-Butadiene	0.013	0.016	0.059
	2,2,4-Trimethylpentane	0.014	0.017	0.061
	Acetaldehyde	0.127	0.153	0.557
	Acrolein	0.128	0.153	0.559
	Benzene	0.032	0.038	0.139
	Ethyl benzene	0.002	0.002	0.008
	Formaldehyde	0.905	1.086	3.965
	Methanol	0.041	0.049	0.178
	Naphthalene (and Methyl naphthalenes)	0.002	0.002	0.008
	Toluene	0.016	0.019	0.069
EQT 0005 E-5	Xylene (mixed isomers)	0.004	0.005	0.019
	n-Hexane	0.007	0.009	0.032
	1,3-Butadiene	0.013	0.016	0.059
	2,2,4-Trimethylpentane	0.014	0.017	0.061
	Acetaldehyde	0.127	0.153	0.557
	Acrolein	0.128	0.153	0.559
	Benzene	0.032	0.038	0.139
	Ethyl benzene	0.002	0.002	0.008
	Formaldehyde	0.905	1.086	3.965
	Methanol	0.041	0.049	0.178
EQT 0006 E-6	Naphthalene (and Methyl naphthalenes)	0.002	0.002	0.008
	Toluene	0.016	0.019	0.069
	Xylene (mixed isomers)	0.004	0.005	0.019
	n-Hexane	0.007	0.009	0.032
	1,3-Butadiene	0.013	0.015	0.055
	2,2,4-Trimethylpentane	0.013	0.016	0.057

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station

Activity Number: PER20080002

Permit Number: 2540-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0006 E-6	Formaldehyde	0.848	1.018	3.712
	Methanol	0.038	0.046	0.167
	Naphthalene (and Methyl naphthalenes)	0.002	0.002	0.008
	Toluene	0.015	0.018	0.065
	Xylene (mixed isomers)	0.004	0.005	0.018
	n-Hexane	0.007	0.008	0.030
EQT 0007 E-7	1,3-Butadiene	0.013	0.015	0.055
	2,2,4-Trimethylpentane	0.013	0.016	0.057
	Acetaldehyde	0.119	0.143	0.522
	Acrolein	0.119	0.144	0.523
	Benzene	0.030	0.036	0.130
	Ethyl benzene	0.002	0.002	0.007
	Formaldehyde	0.848	1.018	3.712
	Methanol	0.038	0.046	0.167
	Naphthalene (and Methyl naphthalenes)	0.002	0.002	0.008
	Toluene	0.015	0.018	0.065
EQT 0008 E-8	Xylene (mixed isomers)	0.004	0.005	0.018
	n-Hexane	0.007	0.008	0.030
	1,3-Butadiene	0.013	0.015	0.055
	2,2,4-Trimethylpentane	0.013	0.016	0.057
	Acetaldehyde	0.119	0.143	0.522
	Acrolein	0.119	0.144	0.523
	Benzene	0.030	0.036	0.130
	Ethyl benzene	0.002	0.002	0.007
	Formaldehyde	0.848	1.018	3.712
	Methanol	0.038	0.046	0.167
EQT 0009 E-9	Naphthalene (and Methyl naphthalenes)	0.002	0.002	0.008
	Toluene	0.015	0.018	0.065
	Xylene (mixed isomers)	0.004	0.005	0.018
	n-Hexane	0.007	0.008	0.030
	1,3-Butadiene	0.002	0.002	0.001
	Acetaldehyde	0.009	0.010	0.002
	Acrolein	0.008	0.010	0.002

INVENTORIES

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station

Activity Number: PER2008002

Permit Number: 2540-0003-V2

Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Gulf South Pipeline Company LP - Montpelier Compressor Station							
EQT 0008	E-8 - 1500 Hp 2S/2B Clark HLA-6 Compressor Engine	139.59	14810	1.5	.34	759	
EOT 0009	E-9 - 408 Hp 4SRB Ingersoll-Rand Auxiliary Generator	134.7	2850	.67	.19	1000	
EOT 0010	B-1 - Station Blowdown Vent	0	0	1	.12	70	
EQT 0011	C-1 - 210 bbl Condensate Tank	.24	1.24	.33	.15	70	
EOT 0012	S-1 - Oil/Water Separator	0	10.3	0	0	70	
EOT 0013	T-1 - Loading Operation for Condensate	0	10.3	0	0	70	
EOT 0014	T-2 - 300 bbl Engine Oil Storage Tank			8	32	70	
FUG 0001	F-1 - Facility Fugitives				70		

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
UNF 0001	Unit or Facility Wide	Facility - Gulf South Pipeline Company LP - Montpelier Compressor Station

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1460	1460 Recip Nat Gas Comp (5,000 to 20,000 H.P.)	125	100 hp

SIC Codes:

4922	Natural gas transmission	A1 071
4922	Natural gas transmission	UNF 001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station

Activity Number: PER20080002

Permit Number: 2540-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0009 E-9	Benzene	0.005	0.006	0.001
	Formaldehyde	0.063	0.076	0.016
	Methanol	0.009	0.011	0.002
	Toluene	0.002	0.002	<0.001
	Xylene (mixed isomers)	0.001	0.001	<0.001
EOT 0010 B-1	2,2,4-Trimethylpentane	0.001	0.001	0.006
	Benzene	0.001	0.002	0.006
	Ethyl benzene	<0.001	<0.001	<0.001
	Toluene	0.001	0.001	0.004
	Xylene (mixed isomers)	<0.001	<0.001	0.002
	n-Hexane	0.021	0.025	0.093
EOT 0011 C-1	2,2,4-Trimethylpentane	0.006	0.007	0.027
	Benzene	0.019	0.023	0.083
	Ethyl benzene	0.001	0.001	0.004
	Toluene	0.010	0.012	0.042
	Xylene (mixed isomers)	0.002	0.003	0.010
	n-Hexane	0.026	0.031	0.115
EOT 0013 T-1	2,2,4-Trimethylpentane	0.942	1.130	0.022
	Benzene	2.721	3.265	0.063
	Ethyl benzene	0.138	0.166	0.003
	Toluene	1.376	1.651	0.032
	Xylene (mixed isomers)	0.344	0.143	0.008
	n-Hexane	3.783	4.540	0.087
FUG 0001 F-1	2,2,4-Trimethylpentane	0.008	0.008	0.034
	Benzene	0.022	0.022	0.095
	Ethyl benzene	0.001	0.001	0.005
	Toluene	0.011	0.011	0.048
	Xylene (mixed isomers)	0.003	0.003	0.012
	n-Hexane	0.038	0.038	0.167
UNF 0001 Facility	1,3-Butadiene			0.461
	2,2,4-Trimethylpentane			0.565
	Acetaldehyde			4.353
	Acrolein			4.366

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station

Activity Number: PER20080002

Permit Number: 2540-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 Facility	Benzene			1.333
	Ethyl benzene			0.068
	Formaldehyde			30.977
	Methanol			1.411
	Naphthalene (and Methyl naphthalenes)			0.040
	Toluene			0.667
	Xylene (mixed isomers)			0.182
	n-Hexane			0.772

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AJ ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station
 Activity Number: PER20080002
 Permit Number: 2540-00003-V2
 Air - Title V Regular Permit Renewal

EQT 0001 E-1 - 1600 Hp 2S1B Worthington UTC-168 Compressor Engine

- Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
- Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average
- Nitrogen oxides <= 4.00 g/BHP-hr.
 Which Months: May-Sep Statistical Basis: Thirty-day rolling average
 Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter.
- Which Months: May-Sep Statistical Basis: None specified
- Perform annual testing for NOx and CO with an approved portable analyzer.
- Operate the engine within the fuel limits established during the initial compliance run. (Natural gas maximum fuel rate: 16,380 scf/hr (30 day average during ozone season) based on triennial stack test completed August 1, 2008).
- Perform triennial stack testing for NOx and CO in accordance with the methods specified in LAC:III.2201.G.5.
- Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. (Initial testing notification was submitted July 11, 2005).
- Submit test results. Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. (Initial testing was completed August 18, 2005. Initial test report was submitted September 20, 2005).
- Submit report. Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d.
- Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable.

EQT 0002 E-2 - 1600 Hp 2S1B Worthington UTC-168 Compressor Engine

- Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
- Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average
- Nitrogen oxides <= 4.00 g/BHP-hr.
 Which Months: May-Sep Statistical Basis: Thirty-day rolling average
 Perform triennial stack testing for NOx and CO in accordance with the methods specified in LAC:III.2201.G.5.
- Perform annual testing for NOx and CO with an approved portable analyzer.

SPECIFIC REQUIREMENTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station

Activity Number: PER20080002

Permit Number: 2540-00003-V2

Air - Title V Regular Permit Renewal

EQT 0002 E-2 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine

- 17 [LAC 33:III.2201.H.4.a]
Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter.
Which Months: May-Sep Statistical Basis: None specified
Operate the engine within the fuel limits established during the initial compliance run. (Natural gas maximum fuel rate: 16,233 scf/hr (30 day average during ozone season) based on triennial stack test completed August 1, 2008).
Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. (Initial testing was completed August 18, 2005. Initial test report was submitted September 20, 2005).
- 19 [LAC 33:III.2201.I.1]
Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. (Initial test notification was submitted July 11, 2005).
- 20 [LAC 33:III.2201.I.1]
Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d.
- 21 [LAC 33:III.2201.I.2]
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable.

EQT 0003 E-3 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine

- 23 [LAC 33:III.1101.B]
Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average
Nitrogen oxides <= 4.00 g/BHP-hr.
Which Months: May-Sep Statistical Basis: Thirty-day rolling average
Operate the engine within the fuel limits established during the initial compliance run. (Natural gas maximum fuel rate: 15,745 scf/hr (30 day average during ozone season) based on stack test completed August 18, 2005).
- 24 [LAC 33:III.1311.C]
Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter.
- 25 [LAC 33:III.2201.D.1]
Which Months: May-Sep Statistical Basis: None specified
Perform annual testing for NOx and CO with an approved portable analyzer.
- 26 [LAC 33:III.2201.H.4.a]
Perform triennial stack testing for NOx and CO in accordance with the methods specified in LAC:III.2201.G.5.
Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. (Initial testing was completed August 18, 2005. Initial test report was submitted September 20, 2005).
- 27 [LAC 33:III.2201.H.4.a]
Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. (Initial test notification was submitted July 11, 2005).

SPECIFIC REQUIREMENTS

AJ ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station
 Activity Number: PER20080002
 Permit Number: 2540-0-0003-V2
 Air - Title V Regular Permit Renewal

EQT 0003 E-3 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine

- 32 [LAC 33:III.2201.I.2] Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d. Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable.

EQT 0004 E-4 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine

- 34 [LAC 33:III.1101.B] Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
- 35 [LAC 33:III.1311.C] Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average
- 36 [LAC 33:III.2201.D.1] Nitrogen oxides <= 4.00 g/BHP-hr.
 Which Months: May-Sep Statistical Basis: Thirty-day rolling average Operate the engine within the fuel limits established during the initial compliance run. (Natural gas maximum fuel rate: 16,015 scf/hr (30 day average during ozone season) based on stack test completed August 18, 2005).
 Perform annual testing for NOx and CO with an approved portable analyzer.
- 37 [LAC 33:III.2201.H.4.a] Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter.
 Which Months: May-Sep Statistical Basis: None specified
- 38 [LAC 33:III.2201.H.4.a]
- 39 [LAC 33:III.2201.H.4.a]
- 40 [LAC 33:III.2201.H.4.a]
- 41 [LAC 33:III.2201.I.1] Perform triennial stack testing for NOx and CO in accordance with the methods specified in LAC:III.2201.G.5.
 Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. (Initial test notification was submitted July 11, 2005).
- 42 [LAC 33:III.2201.I.1] Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. (Initial testing was completed August 18, 2005. Initial test report was submitted September 20, 2005).
- 43 [LAC 33:III.2201.I.2] Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d. Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable.

EQT 0005 E-5 - 1600 Hp 2SLB Worthington UTC-168 Compressor Engine

- 45 [LAC 33:III.1101.B] Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station
Activity Number: PER20080002
Permit Number: 2540-Q0003-V2
Air - Title V Regular Permit Renewal

EQT 0005 E-5 - 1600 Hp 2SILB Worthington UTC-168 Compressor Engine

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: Six-minute average

46 [LAC 33:III.131.I.C]

Nitrogen oxides <= 4.00 g/BHP·hr.

Which Months: May-Sep Statistical Basis: Thirty-day rolling average

Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter.

Which Months: May-Sep Statistical Basis: None specified

Perform triennial stack testing for NOx and CO in accordance with the methods specified in LAC:III.2201.G.5.

Perform annual testing for NOx and CO with an approved portable analyzer.

Operate the engine within the fuel limits established during the initial compliance run. (Natural gas maximum fuel rate: 16,378 scf/hr (30 day average during ozone season) based on triennial stack test completed August 1, 2008).

Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. (Initial test notification was submitted July 11, 2005).

Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. (Initial testing was completed August 18, 2005. Initial test report was submitted September 20, 2005).

Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d.

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable.

EQT 0006 E-6 - 1500 Hp 2SILB Clark HLA-6 Compressor Engine

Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: Six-minute average Horsepower <= 1495 horsepower. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the compressor horsepower exceeds the maximum listed in this specific condition at any time during the ozone season.

Which Months: May-Sep Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station
Activity Number: PER20080002
Permit Number: 2540-00003-V2
Air - Title V Regular Permit Renewal

EQT 0006 E-6 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine

59 [LAC 33.III.501.C.6]

Engine power limited: Horsepower < 1500 horsepower "maximum rated capacity" on an annual basis, determined by a 12-consecutive month rolling average or approved equivalent. An exceedance of this limitation would subject the compressor engine to qualify as an affected source under LAC 33.III.2201.B.

60 [LAC 33.III.507.H.1.a]

Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

61 [LAC 33.III.507.H.1.a]

Which Months: All Year Statistical Basis: Instantaneous maximum Horsepower monitored by technically sound method continuously.

62 [LAC 33.III.507.H.1.a]

Which Months: All Year Statistical Basis: Instantaneous maximum Horsepower recordkeeping by electronic or hard copy daily. Keep records of the hourly average horsepower each day during the year, as well as, the instantaneous maximum horsepower if above the maximum alarm limit of 1490 Hp during the ozone season. Make records available for inspection by DEQ personnel. (Note that the PLC system monitors the horsepower every second. The data is then averaged every minute and then averaged again for every hour. A hard copy report is printed every day showing the hourly averages for that day. Alarms will sound during the ozone season if the instantaneous horsepower reading reaches 1490 Hp, and the compressor will be shutdown if the reading reaches 1495 Hp).

63 [LAC 33.III.507.H.1.a]

Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO, and O2 concentrations in the stack gas obtained during semiannual testing.

64 [LAC 33.III.507.H.1.a]

Conduct a performance/emissions test. Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Air Quality Assessment Division. As required by LAC 33.III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

65 [LAC 33.III.507.H.1.a]

Horsepower Submit report: Due annually, by the 31st of March. Report any occurrence of the compressor having a horsepower reading of 1500 Hp or greater for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

66 [LAC 33.III.507.H.1.a]

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

67 [LAC 33.III.507.H.1.a]

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

SPECIFIC REQUIREMENTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station
Activity Number: PER20080002
Permit Number: 2540-00003-V2
Air - Title V Regular Permit Renewal.

EQT 0006 E-6 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine

68 [LAC 33:III.507.H.1.a]

Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

Which Months: All Year Statistical Basis: None specified

69 [LAC 33:III.507.H.1.a]

Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

Which Months: All Year Statistical Basis: None specified

EQT 0007 E-7 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine

70 [LAC 33:III.110.B]

Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: Six-minute average

Horsepower monitored by technically sound method continuously.

71 [LAC 33:III.131.C]

Which Months: All Year Statistical Basis: Instantaneous maximum

Horsepower Submit report: Due annually, by the 31st of March. Report any occurrence of the compressor having a horsepower reading of 1500 Hp or greater for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

Horsepower recordkeeping by electronic or hard copy daily. Keep records of the hourly average horsepower each day during the year, as well as, the instantaneous maximum horsepower if above the maximum alarm limit of 1490 Hp during the ozone season. Make records available for inspection by DEQ personnel. (Note that the PLC system monitors the horsepower every second. The data is then averaged every minute and then averaged again for every hour. A hard copy report is printed every day showing the hourly averages for that day. Alarms will sound during the ozone season if the instantaneous horsepower reading reaches 1490 Hp, and the compressor will be shutdown if the reading reaches 1495 Hp).

Engine power limited: Horsepower < 1500 horsepower "maximum rated capacity" on an annual basis, determined by a 12-consecutive month rolling average or approved equivalent. An exceedance of this limitation would subject the compressor engine to qualify as an affected source under LAC 33:III.2201.B.

72 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum Horsepower <= 1495 horsepower. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the compressor horsepower exceeds the maximum listed in this specific condition at any time during the ozone season.

Which Months: May-Sep Statistical Basis: None specified
Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

73 [LAC 33:III.501.C.6]

74 [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station
Activity Number: PER20080002
Permit Number: 2540-0003-V2
Air - Title V Regular Permit Renewal

EQT 0007 E-7 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine

78 [LAC 33:III.507.H.1.a]

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBTu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

79 [LAC 33:III.507.H.1.a]

Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O₂ in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

Which Months: All Year Statistical Basis: None specified

Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NO_x in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

Which Months: All Year Statistical Basis: None specified

Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Air Quality Assessment Division. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

80 [LAC 33:III.507.H.1.a]

Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NO_x, CO, and O₂ concentrations in the stack gas obtained during semiannual testing.

EQT 0008 E-8 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine

84 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet: natural gas as fuel).

85 [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station

Activity Number: PER20080002

Permit Number: 2540-00003-V2

Air - Title V Regular Permit Renewal

EQT 0008 E-8 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine

86 [LAC 33:III.501.C.6]

Horsepower Submit report: Due annually, by the 31st of March. Report any occurrence of the compressor having a horsepower reading of 1,500 Hp or greater for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

Engine power limited: Horsepower < 1,500 horsepower "maximum rated capacity" on an annual basis, determined by a 12-consecutive month rolling average or approved equivalent. An exceedance of this limitation would subject the compressor engine to qualify as an affected source under LAC 33:III.2201.B.

Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum Horsepower monitored by technically sound method continuously.

Which Months: All Year Statistical Basis: Instantaneous maximum Horsepower <= 1495 horsepower. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the compressor horsepower exceeds the maximum listed in this specific condition at any time during the ozone season.

Which Months: May-Sep Statistical Basis: None specified

Horsepower recordkeeping by electronic or hard copy daily. Keep records of the hourly average horsepower each day during the year, as well as, the instantaneous maximum horsepower if above the maximum alarm limit of 1490 Hp during the ozone season. Make records available for inspection by DEQ personnel. (Note that the PLC system monitors the horsepower every second. The data is then averaged every minute and then averaged again for every hour. A hard copy report is printed every day showing the hourly averages for that day. Alarms will sound during the ozone season if the instantaneous horsepower reading reaches 1490 Hp, and the compressor will be shutdown if the reading reaches 1495 Hp).

Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NO_x, CO, and O₂ concentrations in the stack gas obtained during semiannual testing.

Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Air Quality Assessment Division. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

Which Months: All Year Statistical Basis: None specified

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SPECIFIC REQUIREMENTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station
 Activity Number: PER20080002
 Permit Number: 2540-00003-V2
 Air - Title V Regular Permit Renewal

EQT 0008 E-8 - 1500 Hp 2SLB Clark HLA-6 Compressor Engine

94 [LAC 33:II.507.H.1.a]

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

95 [LAC 33:II.507.H.1.a]

Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual plus or minus 30 days). Maintain concentrations of O₂ in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
 Which Months: All Year Statistical Basis: None specified
 Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NO_x in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
 Which Months: All Year Statistical Basis: None specified
 Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

EQT 0009 E-9 - 408 Hp 4SRRB Ingersoll-Rand Auxiliary Generator

98 [LAC 33:II.1101.B]

Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

99 [LAC 33:II.1311.C]

Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

100 [LAC 33:II.2201.H.12]

Which Months: All Year Statistical Basis: Six-minute average
 Operating time recordkeeping by the regulation's specified method(s) upon occurrence of event. Record the operating time with a nonresettable, elapsed run-time meter.

101 [LAC 33:II.2201.H.12]

Submit permit modification: Due within 90 days after receipt of notification from DEQ of the loss of exemption due to exceedance of the hours-per-ozone season limit. Submit a permit modification detailing how to meet the applicable emission factor as soon as possible, but no later than 24 months, after exceeding the limit. Include a schedule of increments of progress for the installation and operation of the required control equipment.
 Submit notification: Due within seven days if the hours-per-ozone season limit is exceeded.

EQT 0012 S-1 - Oil-Water Separator

103 [LAC 33:II.2109.D.2]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:II.2109.D.2.

SPECIFIC REQUIREMENTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station
Activity Number: PER20080002
Permit Number: 2540-00003-V2
Air - Title V Regular Permit Renewal

FUG 0001 F-1 - Facility Fugitives

104 [LAC 33:III.211]

Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

UNF 0001 Facility - Gulf South Pipeline Company LP - Montpelier Compressor Station

- 105 [40 CFR 70.5(a)(1)(iii)]
 Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 106 [40 CFR 70.6(a)(3)(iii)(A)]
 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 107 [40 CFR 70.6(a)(3)(iii)(B)]
 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 108 [40 CFR 70.6(c)(5)(iv)]
 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 109 [LAC 33:III.1103]
 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 110 [LAC 33:III.1109.B]
 Outdoor burning of waste material or other combustible material is prohibited.
- 111 [LAC 33:III.1303.B]
 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 112 [LAC 33:III.2113.A]
 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 113 [LAC 33:III.219]
 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 114 [LAC 33:III.2201.D.9]
 Do not fire an affected point source with Number 6 Fuel Oil or perform testing of emergency and training combustion units without prior approval of DEQ on a day that is designated as an Ozone Action Day by DEQ.
- 115 [LAC 33:III.2201.G.2]
 Perform NOx emissions testing for all point sources that are subject to the emission limitations of LAC 33:III.2201.D or used in one of the alternative plans of LAC 33:III.2201.E, as specified in LAC 33:III.2201.G.2 through G.7. Test results must demonstrate that actual NOx emissions are in compliance with the appropriate limits of LAC 33:III.Chapter 22. Also measure CO, SO2, PM10, and VOC if modifications could cause an increase in emissions of any of these compounds.

SPECIFIC REQUIREMENTS

AI ID: 71 - Gulf South Pipeline Co LP - Montpelier Compressor Station
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- 116 [LAC 33:III.2201.J.1] Modify and/or install and bring into normal operation NO_x control equipment and/or NO_x monitoring systems in accordance with LAC 33:III. Chapter 22 as expeditiously as possible, but by no later than May 1, 2005, except as provided in LAC 33:III.2202.
- 117 [LAC 33:III.2201.J.2] Complete all initial compliance testing, specified by LAC 33:III.2201.G, for equipment modified with NO_x reduction controls or a NO_x monitoring system to meet the provisions of LAC 33:III.Chapter 22 within 60 days of achieving normal production rate or after the end of the shake down period, but in no event later than 180 days after initial start-up, except as provided in LAC 33:III.2202.
- 118 [LAC 33:III.2201.J.2] Complete required testing to demonstrate the performance of existing, unmodified equipment in a timely manner, but by no later than November 1, 2005, except as provided in LAC 33:III.2202.
- 119 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 120 [LAC 33:III.2901.F] If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 121 [LAC 33:III.501.C.6] Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, trans-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene. (State Only).
- 122 [LAC 33:III.501.C.6] Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. (State Only).
- 123 [LAC 33:III.5335] Permittee shall comply with the Part 70 General Conditions as set forth in LAC 33:III.5335 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- 124 [LAC 33:III.561.I.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority.
- 125 [LAC 33:III.561.I.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 126 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.